

ABSTRACT

Method for auto-configuration of a new router when added to an IP intranetwork, the IP intranetwork formed by routers interconnected via point-to-point links. The method includes the steps of: 1) establishing a physical connection between the new router and an existing router within the intranetwork; 2) establishing a point-to-point link between the new router and the existing router, over the physical connection; 3) requesting and retrieving an IP address to make IP communication possible between the new router and the existing router over the point-to-point link; 4) automatically identifying the resources which are essential for retrieving configuration information for the new router; 5) automatically configuring the new node by means of the configuration information; and 6) starting a routing protocol to establish network connectivity between the new router and the rest of the intranetwork.